

Claim 29 (amended):

The polynucleotide according to claim 28, wherein said triacylglyceride lipase comprises SEQ ID NO: 12 or a fragment thereof.

Claim 30 (amended):

The polynucleotide according to claim 28, wherein said polynucleotide comprises SEQ ID NO: 1 or a fragment thereof.

Claim 32 (amended):

The polynucleotide according to claim 28, wherein said Cu⁺⁺/Zn⁺⁺ superoxide dismutase comprises SEQ ID NO: 13 or a fragment thereof.

Claim 33 (amended):

The polynucleotide according to claim 28, wherein said polynucleotide comprises SEQ ID NO: 2 or a fragment thereof.

Claim 35 (amended):

The polynucleotide according to claim 28, wherein said CPD photolyase comprises SEQ ID NO: 14 or a fragment thereof.

Claim 36 (amended):

The polynucleotide according to claim 28, wherein said polynucleotide comprises SEQ ID NO: 3 or a fragment thereof.

Claim 38 (amended):

The polynucleotide according to claim 28, wherein said baculovirus-like inhibitor of apoptosis comprises SEQ ID NO: 15 or a fragment thereof.

Claim 39 (amended):

The polynucleotide according to claim 28, wherein said polynucleotide comprises SEQ ID NO: 4 or a fragment thereof.

Claim 41 (amended):

The polynucleotide according to claim 28, wherein said first poly(A) polymerase small subunit comprises SEQ ID NO: 16 or a fragment thereof.

Claim 42 (amended):

The polynucleotide according to claim 28, wherein said polynucleotide comprises SEQ ID NO: 5 or a fragment thereof.

Claim 44 (amended):

The polynucleotide according to claim 28, wherein said second poly(A) polymerase small subunit comprises SEQ ID NO: 17 or a fragment thereof.

Claim 45 (amended):

The polynucleotide according to claim 28, wherein said polynucleotide comprises SEQ ID NO: 6 or a fragment thereof.

Claim 47 (amended):

The polynucleotide according to claim 28, wherein said first DNA polymerase comprises SEQ ID NO: 18 or a fragment thereof.

Claim 48 (amended):

The polynucleotide according to claim 28, wherein said polynucleotide comprises SEQ ID NO: 7 or a fragment thereof.

Claim 50 (amended):

The polynucleotide according to claim 28, wherein said second DNA polymerase comprises SEQ ID NO: 19 or a fragment thereof.

Claim 51 (amended):

The polynucleotide according to claim 28, wherein said polynucleotide comprises SEQ ID NO: 8 or a fragment thereof.

Claim 53 (amended):

The polynucleotide according to claim 28, wherein said ABC transporter-like protein comprises SEQ ID NO: 20 or a fragment thereof.

Claim 54 (amended):

The polynucleotide according to claim 28, wherein said polynucleotide comprises SEQ ID NO: 9 or a fragment thereof.

Claim 56 (amended):

The polynucleotide according to claim 28, wherein said Kunitz-motif protease inhibitor comprises SEQ ID NO: 21 or a fragment thereof.

Claim 57 (amended):

The polynucleotide according to claim 28, wherein said polynucleotide comprises SEQ ID NO: 10 or a fragment thereof.

Claim 59 (amended):

The polynucleotide according to claim 28, wherein said poly(A) polymerase large subunit comprises SEQ ID NO: 22 or a fragment thereof.

Claim 60 (amended):

The polynucleotide according to claim 28, wherein said polynucleotide comprises SEQ ID NO: 11 or a fragment thereof.

Claim 63 (amended):

The triacylglyceride lipase of claim 62 comprising the amino acid sequence as set forth in SEQ ID NO: 12, or a fragment thereof.

Claim 64 (amended):

The Cu⁺⁺/Zn⁺⁺ superoxide dismutase of claim 62 comprising the amino acid sequence as set forth in SEQ ID NO: 13, or a fragment thereof.

Claim 65 (amended):

The CPD photolyase of claim 62 comprising the amino acid sequence as set forth in SEQ ID NO: 14, or a fragment thereof.

Claim 66 (amended):

The baculovirus-like inhibitor of apoptosis of claim 62 comprising the amino acid sequence as set forth in SEQ ID NO: 15, or a fragment thereof.

Claim 67 (amended):

The first poly(A) polymerase small subunit of claim 62 comprising the amino acid sequence as set forth in SEQ ID NO: 16, or a fragment thereof.

Claim 68 (amended):

The second poly(A) polymerase small subunit of claim 62 comprising the amino acid sequence as set forth in SEQ ID NO: 17, or a fragment thereof.

Claim 69 (amended):

The first DNA polymerase of claim 62 comprising the amino acid sequence as set forth in SEQ ID NO: 18, or a fragment thereof.

Claim 70 (amended):

The second DNA polymerase of claim 62 comprising the amino acid sequence as set forth in SEQ ID NO: 19, or a fragment thereof.

Claim 71 (amended):

The ABC transporter-like protein of claim 62 comprising the amino acid sequence as set forth in SEQ ID NO: 20, or a fragment thereof.

Claim 72 (amended):

The Kunitz-motif protease inhibitor of claim 62 comprising the amino acid sequence as set forth in SEQ ID NO: 21, or a fragment thereof.

Claim 73 (amended):

The poly(A) polymerase large subunit of claim 62 comprising the amino acid sequence as set forth in SEQ ID NO: 22, or a fragment thereof.

Claim 74 (amended):

An isolated polynucleotide encoding an *Amsacta moorei* entomopox virus polypeptide, wherein said polynucleotide is selected from the group consisting of SEQ ID NO: 28, SEQ ID NO: 29, SEQ ID NO: 30, SEQ ID NO: 31, SEQ ID NO: 32, SEQ ID NO: 33, SEQ ID NO: 34, SEQ ID NO: 35, SEQ ID NO: 36, SEQ ID NO: 37, SEQ ID NO: 38, SEQ ID NO: 39, SEQ ID NO: 41, SEQ ID NO: 42, SEQ ID NO: 43, SEQ ID NO: 44, SEQ ID NO: 46, SEQ ID NO: 47, SEQ ID NO: 48, SEQ ID NO: 49, SEQ ID NO: 50, SEQ ID NO: 51, SEQ ID NO: 52, SEQ ID NO: 53, SEQ ID NO: 56, SEQ ID NO: 57, SEQ ID NO: 58, SEQ ID NO: 59, SEQ ID NO: 60, SEQ ID NO: 61, SEQ ID

NO: 62, SEQ ID NO: 63, SEQ ID NO: 64, SEQ ID NO: 65, SEQ ID NO: 66, SEQ ID NO: 67, SEQ ID NO: 68, SEQ ID NO: 69, SEQ ID NO: 71, SEQ ID NO: 72, SEQ ID NO: 73, and SEQ ID NO: 74, or a fragment thereof.

Claim 75 (amended):

2 14 An isolated *Amsacta moorei* entomopox virus polypeptide encoded by a polynucleotide selected from the group consisting of SEQ ID NO: 28, SEQ ID NO: 29, SEQ ID NO: 30, SEQ ID NO: 31, SEQ ID NO: 32, SEQ ID NO: 33, SEQ ID NO: 34, SEQ ID NO: 35, SEQ ID NO: 36, SEQ ID NO: 37, SEQ ID NO: 38, SEQ ID NO: 39, SEQ ID NO: 41, SEQ ID NO: 42, SEQ ID NO: 43, SEQ ID NO: 44, SEQ ID NO: 46, SEQ ID NO: 47, SEQ ID NO: 48, SEQ ID NO: 49, SEQ ID NO: 50, SEQ ID NO: 51, SEQ ID NO: 52, SEQ ID NO: 53, SEQ ID NO: 56, SEQ ID NO: 57, SEQ ID NO: 58, SEQ ID NO: 59, SEQ ID NO: 60, SEQ ID NO: 61, SEQ ID NO: 62, SEQ ID NO: 63, SEQ ID NO: 64, SEQ ID NO: 65, SEQ ID NO: 66, SEQ ID NO: 67, SEQ ID NO: 68, SEQ ID NO: 69, SEQ ID NO: 71, SEQ ID NO: 72, SEQ ID NO: 73, and SEQ ID NO: 74, or a fragment thereof.